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     FILE 'REGISTRY' ENTERED AT 15:33:12 ON 06 NOV 2008
L1              STRUCTURE UPLOADED
L2            0 S L1
L3            6 S L1 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 15:34:09 ON 06 NOV 2008
L4            2 S L3
```

```
=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:33:12 ON 06 NOV 2008
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STRUCTURE FILE UPDATES:    5 NOV 2008  HIGHEST RN 1070955-84-8
DICTIONARY FILE UPDATES:   5 NOV 2008  HIGHEST RN 1070955-84-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\STNEXP\Queries\10526598amended.str
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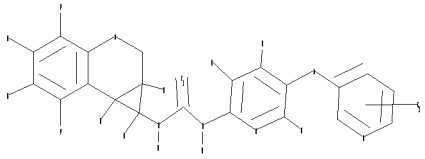

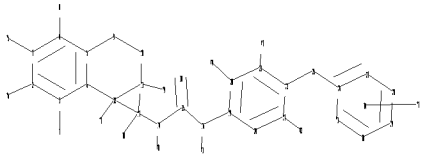

chain nodes :
7 8 14 15 16 18 25 33 35 36 37 38 39 40 41 42 43 44
ring nodes :
1 2 3 4 5 6 9 10 11 12 13 19 20 21 22 23 24 26 27 28 29 30
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chain bonds :
1-7 2-36 3-35 4-8 11-39 12-37 13-14 13-38 14-15 14-40 15-16 15-18 16-19
16-41 20-44 21-43 22-25 23-42 25-26
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-9 6-12 9-10 10-11 11-12 11-13 12-13 19-20
19-24 20-21 21-22 22-23 23-24 26-27 26-31 27-28 28-29 29-30 30-31
exact/norm bonds :
5-9 6-12 9-10 10-11 11-12 11-13 12-13 13-14 14-15 15-16 15-18 16-19
22-25
25-26
exact bonds :
1-7 2-36 3-35 4-8 11-39 12-37 13-38 14-40 16-41 20-44 21-43 23-42
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24 26-27 26-31
27-28 28-29 29-30 30-31

G1:O,S

G2:H,Cl,Br,F,I,CN

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 18:CLASS 19:Atom 20:Atom
 21:Atom 22:Atom
23:Atom 24:Atom 25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
33:CLASS 34:Atom
35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:CLASS 44:CLASS

L1   STRUCTURE UPLOADED

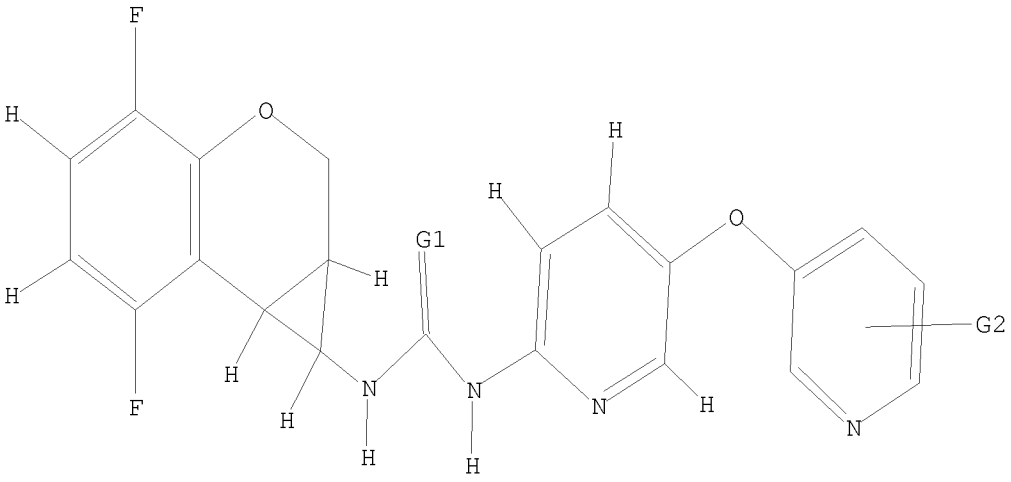
=> s l1
SAMPLE SEARCH INITIATED 15:33:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   0 TO ITERATE

100.0% PROCESSED   0 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 0 TO   0
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> d l1
L1 HAS NO ANSWERS
L1   STR



G1 O,S

G2 H,Cl,Br,F,I,CN

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 15:33:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 50 TO ITERATE

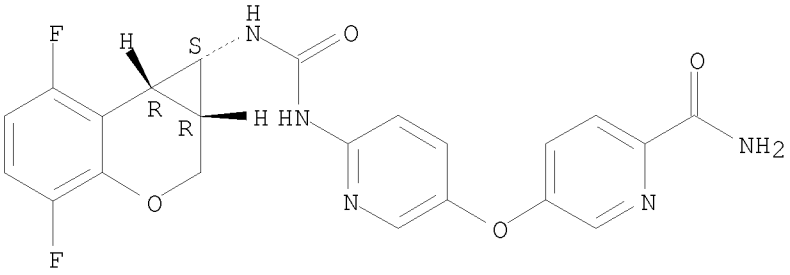
100.0% PROCESSED 50 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

=> d l3 scan

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Pyridinecarboxamide, 5-[[6-[[[[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]amino]carbonyl]amino]-3-pyridinyl]oxy]-
MF C22 H17 F2 N5 O4

Absolute stereochemistry.

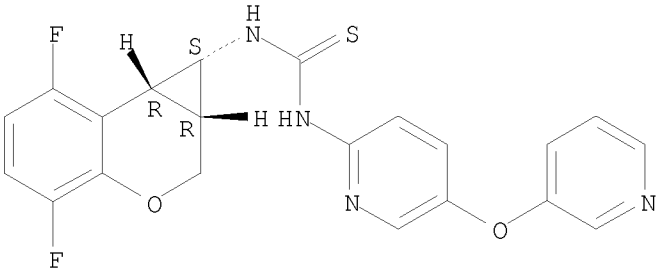


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Thiourea, N-[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]-N'-[5-(3-pyridinyloxy)-2-pyridinyl]-
MF C21 H16 F2 N4 O2 S

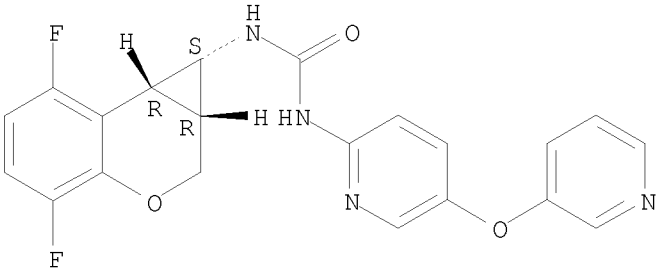
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]-N'-[5-(3-pyridinyloxy)-2-pyridinyl]-
MF C21 H16 F2 N4 O3

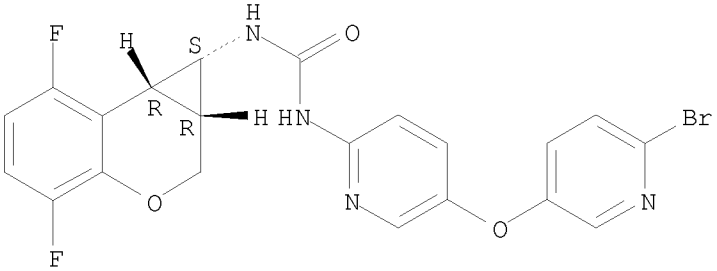
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[5-[(6-bromo-3-pyridinyl)oxy]-2-pyridinyl]-N'-[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]-
MF C21 H15 Br F2 N4 O3

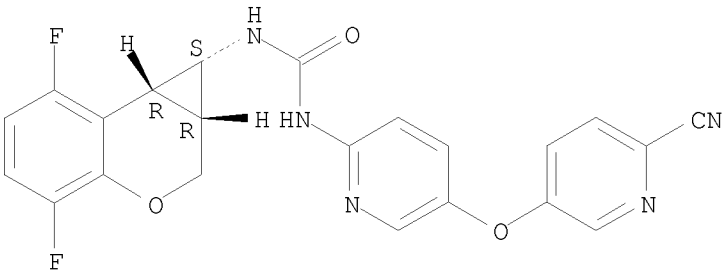
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[5-[(6-cyano-3-pyridinyl)oxy]-2-pyridinyl]-N'-[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]-
MF C22 H15 F2 N5 O3

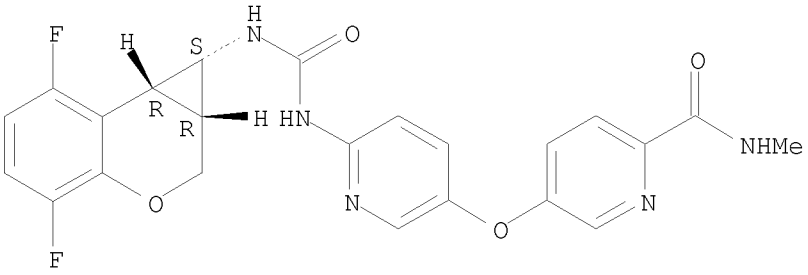
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2-Pyridinecarboxamide, 5-[[6-[[[[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]amino]carbonyl]amino]-3-pyridinyl]oxy]-N-methyl-
MF C23 H19 F2 N5 O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	178.82	179.03

FILE 'HCAPLUS' ENTERED AT 15:34:09 ON 06 NOV 2008
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 6 Nov 2008 VOL 149 ISS 19
FILE LAST UPDATED: 5 Nov 2008 (20081105/ED)

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

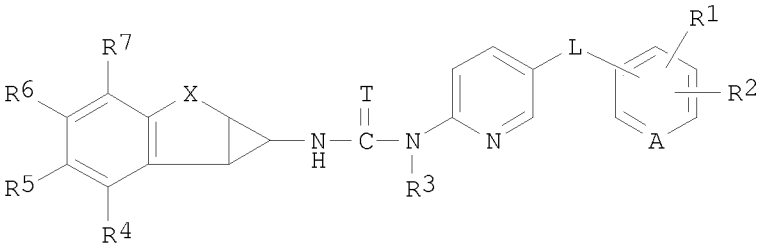
New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s l3
L4   2 L3

=> d l4 1-2 ti abs bib hitstr

L4   ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN
TI   Preparation of non-nucleotide reverse transcriptase inhibitors
GI



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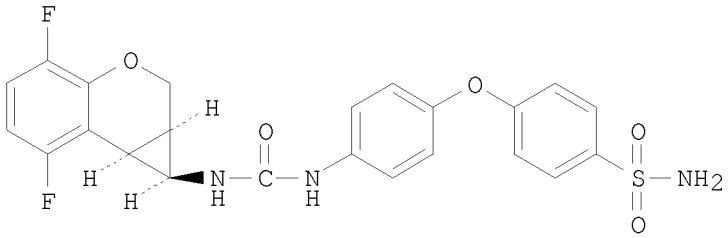

II

AB   Title compds. I [A = CH, N; R1 = SO1-2Ra, CORb, etc.; Ra-b = alkyl,
     alkoxy, amino, etc.; R2 = H, halo CN, etc.; L = O, SO0-2, CH2; R3 = H,

alkyl; R4-7 = H, alkyl, alkenyl, etc.; X = divalent alkyl; T = O] are prepared For instance, II is prepared in 4 steps from 4-hydroxy-N-(tert-butyl)benzenesulfonamide, 5-bromo-2-nitropyridine and (1S,1aR,7bS)-4,7-difluoro-1,1a,2,7b-tetrahydrocyclopropan[c]chromene-1-carboxylic acid (prior art). II was assayed for HIV activity with an IC50 = 29 nM. I have utility as HIV antivirals.

AN 2005:638849 HCAPLUS <<LOGINID::20081106>>

DN 143:153297

TI Preparation of non-nucleotide reverse transcriptase inhibitors

IN Sund, Christian; Roue, Nathalie; Lindstroem, Stefan; Antonov, Dmitry; Sahlberg, Christer; Jansson, Katarina

PA Medivir AB, Swed.

SO PCT Int. Appl., 118 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005066131	A1	20050721	WO 2004-SE2034	20041230
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004312284	A2	20050721	AU 2004-312284	20041230
	AU 2004312284	A1	20050721		
	CA 2550187	A1	20050721	CA 2004-2550187	20041230
	EP 1701942	A1	20060920	EP 2004-809207	20041230
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	CN 1926108	A	20070307	CN 2004-80042322	20041230
	BR 2004018306	A	20070502	BR 2004-18306	20041230
	JP 2007519640	T	20070719	JP 2006-549182	20041230
	IN 2006DN03577	A	20070831	IN 2006-DN3577	20060621
	MX 2006PA07726	A	20061002	MX 2006-PA7726	20060705
	US 20080070951	A1	20080320	US 2007-584933	20070910
PRAI	SE 2004-21	A	20040108		
	SE 2004-585	A	20040309		
	WO 2004-SE2034	W	20041230		

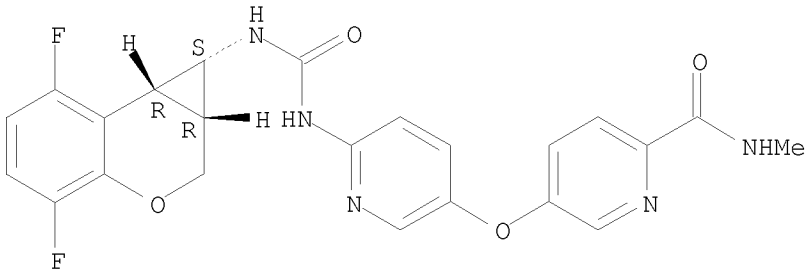
OS CASREACT 143:153297; MARPAT 143:153297

IT 860298-39-1P 860298-41-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted tricyclic non-nucleotide reverse transcriptase inhibitors)

RN 860298-39-1 HCAPLUS

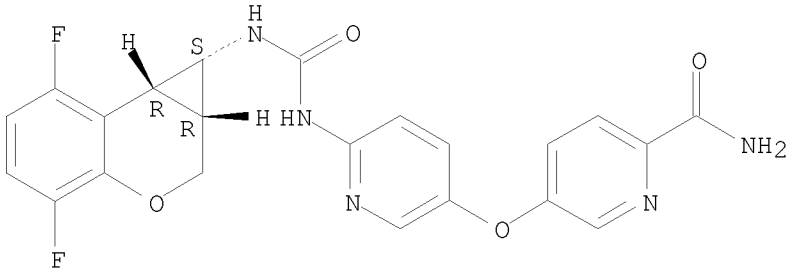
CN 2-Pyridinecarboxamide, 5-[[6-[[[[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]amino]carbonyl]amino]-3-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.



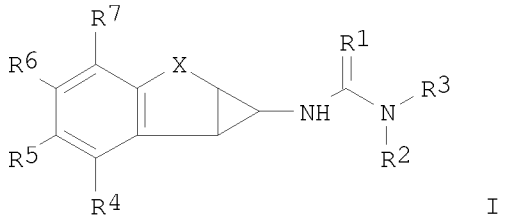
RN 860298-41-5 HCAPLUS
CN 2-Pyridinecarboxamide, 5-[[6-[[[[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]amino]carbonyl]amino]-3-pyridinyl]oxy]- (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of pyridinyl(thio)urea derivatives of cyclopropachromenes, cyclopropaindenes, cyclopropanaphthalenes, and benzocyclopropacycloheptenes as non-nucleoside reverse transcriptase inhibitors
GI



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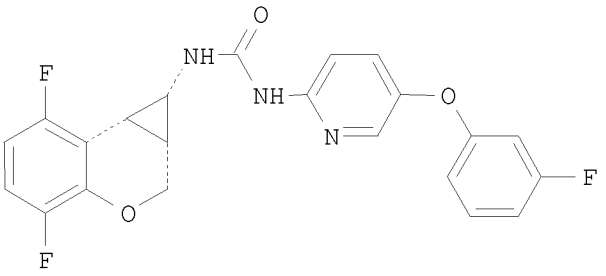

II

AB Title compds. I [R1 = O, S; R2 = (substituted) N-containing heterocycle, whose N is located at the 2 position relative to the (thio)urea group; R3 = H, alkyl; R4-R7 = H, alkyl, alkenyl, alkynyl, haloalkyl, alkanoyl, haloalkanoyl, alkoxy, haloalkoxy, alkoxyalkyl, haloalkoxyalkyl, hydroxyalkyl, aminoalkyl, carboxyalkyl, cyanoalkyl, amino, COOH, carbamoyl, cyano, halo, OH, O, etc.; X = (CR8R9)n-D-(CR8R9)m; D = a bond, (substituted)amino, O, S, SO, SO2; R8, R9 = H, alkyl, haloalkyl, OH; R8R9 = O; n, m = 0-2, provided that they are not both 0 when D is a bond] were prepared as non-nucleoside reverse transcriptase inhibitors. Thus, reaction of (1S,1aR,7bS)-4,7-difluoro-1,1a,2,7b-tetrahydrocyclopropa[c]chromene-1-carboxylic acid (preparation given) with 5-(3-fluorophenoxy)-2-aminopyridine yielded compound II.

AN 2004:220140 HCAPLUS <<LOGINID::20081106>>
DN 140:270741

TI Preparation of pyridinyl(thio)urea derivatives of cyclopropachromenes, cyclopropaindenes, cyclopropanaphthalenes, and benzocyclopropacycloheptenes as non-nucleoside reverse transcriptase inhibitors

IN Antonov, Dmitry; Sund, Christian; Lindstroem, Stefan; Sahlberg, Christer
PA Medivir Ab, Swed.

SO PCT Int. Appl., 121 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004021969	A2	20040318	WO 2003-EP9872	20030905
	WO 2004021969	A3	20040805		

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,

FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA	2501924	A1	20040318	CA 2003-2501924	20030905
AU	2003260492	A1	20040329	AU 2003-260492	20030905
EP	1534276	A2	20050601	EP 2003-793809	20030905

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CN	1694700	A	20051109	CN 2003-824933	20030905
JP	2005538155	T	20051215	JP 2004-533489	20030905
ZA	2005001805	A	20050908	ZA 2005-1805	20050302
MX	2005PA02545	A	20050930	MX 2005-PA2545	20050304
US	20060167055	A1	20060727	US 2005-526598	20050707
PRAI EP	2002-19997	A	20020905		
WO	2003-EP9872	W	20030905		

OS MARPAT 140:270741

IT 672946-33-7P

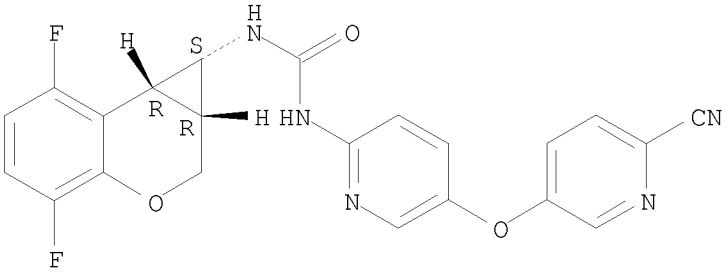
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of pyridinyl(thio)urea derivs. of cyclopropachromenes, cyclopropaindenes, cyclopropanaphthalenes, and benzocyclopropacycloheptenes as non-nucleoside reverse transcriptase inhibitors)

RN 672946-33-7 HCAPLUS

CN Urea, N-[5-[(6-cyano-3-pyridinyl)oxy]-2-pyridinyl]-N'-[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 672946-19-9P 672946-21-3P 672946-31-5P

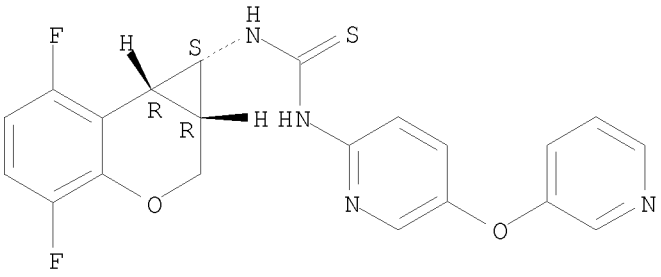
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyridinyl(thio)urea derivs. of cyclopropachromenes, cyclopropaindenes, cyclopropanaphthalenes, and benzocyclopropacycloheptenes as non-nucleoside reverse transcriptase inhibitors)

RN 672946-19-9 HCAPLUS

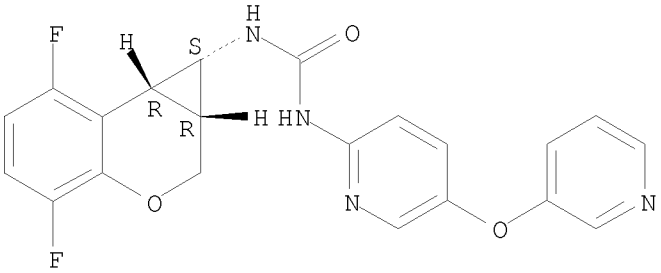
CN Thiourea, N-[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]-N'-[5-(3-pyridinyloxy)-2-pyridinyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 672946-21-3 HCAPLUS
CN Urea, N-[(6aR,7S,7aR)-1,4-difluoro-6,6a,7,7a-tetrahydrobenzo[b]cyclopropa[d]pyran-7-yl]-N'-[5-(3-pyridinyloxy)-2-pyridinyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 672946-31-5 HCAPLUS
CN Urea, N-[5-[(6-bromo-3-pyridinyl)oxy]-2-pyridinyl]-N'-[(1S,1aR,7bR)-4,7-difluoro-1,1a,2,7b-tetrahydrobenzo[b]cyclopropa[d]pyran-1-yl]- (CA INDEX NAME)

Absolute stereochemistry.